



Exentis' 3D technology favours the energy transition and decarbonisation. Generic image: Exentis

## Megatrends drive use of Exentis technology

13 April 2023 09:58

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Stetten AG - Exentis Group AG' 3D technology platform and strategic business units are benefiting from current megatrends. The effect increases Exentis' long-term growth prospects, according to a study by the management consultancy Roland Berger.

Key megatrends are driving positive growth prospects for [Exentis Group AG](#) and its 3D technology platform for industrialized additive manufacturing, according to a study conducted by the management consultancy [Roland Berger](#). The study examined the potential of the technology and Exentis' three strategic business areas: Pharma and Medtech, New Energy and Ultrafine Structures. These correspond to megatrends, as does the proprietary 3D technology itself, says the study. Exentis has developed a resource-saving cold-printing process that enables the production of millions of industrial components or cleanroom applications such as tablets on a single 3D production system. The technology platform is already being used in Germany, Japan, the USA and Australia, among others.

According to the study, pharmaceutical and medtech applications continue to gain importance due to demographic developments. The trend for more precise drug delivery, in particular, is opening up new opportunities. In this area, Exentis' technology platform offers the possibility to manufacture tablets with a freely adjustable active ingredient delivery profile within.

In the New Energy segment, the megatrend of energy transition and decarbonization is also benefiting Exentis. Its technology is used to manufacture applications for electric motors, such as stator and rotor blades, as well as bipolar plates for fuel cells. Therefore, electrification and increasingly strict CO2 emission regulations in the automotive sector are factors that are driving the market.

Supported by several trends is the positive business development in the Ultrafine Structures segment. For microfilters and casting filters, relevant end markets include automotive engineering. Collimators are primarily used in medical applications, such as computer tomography. Rising raw material prices and filter performance requirements are supporting market growth, according to the study. yvh

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## SWISS PAVILION DIGITAL

### Swiss aviation industry well represented at the Paris Air Show

20 June 2023 14:44

Le Bourget - In total, 40 Swiss companies are in attendance at the Paris Air Show. The SWISS Pavilion is being organized by Swissmem. The official Swiss delegation is headed up by the National Armaments Director Martin Sonderegger.

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### Keepars continues to grow

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Allschwil - Keepars, based in the canton of Basel-Landschaft, is planning to expand further in Europe and the Middle East. It is set to open a site in Abu Dhabi this year, and another in France, where it intends to step up its activities of clients' support as well as research and development activities focusing on hearing systems for extreme environments.

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### Carbomill expands aerospace offering

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Seon - Carbomill AG is now offering the production process of electrical discharge machining (EDM) to the aerospace industry. The mechanical high-end processing specialist based in Aargau has enlarged its machine fleet to do so.

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### Airwork & Heliseilerei bring many production steps in house

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Immensee - Airwork & Heliseilerei has established more and more competences and machines in Immensee in the canton of Schwyz over recent years. This has shortened production routes and supply chains and quantifiably improved processes. It also enables even greater consideration of client wishes.

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